







# SDD 15D28 Traffic Control, Work on Shoulder or Parking Lane, Undivided Roadway

## LEGEND

-  SIGN ON PERMANENT SUPPORT
-  TRAFFIC CONTROL DRUM
-  DIRECTION OF TRAFFIC
-  WORK ZONE

## GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36" X 36" SIGNS MAY BE USED IF APPROVED BY THE REGIONAL TRAFFIC UNIT.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

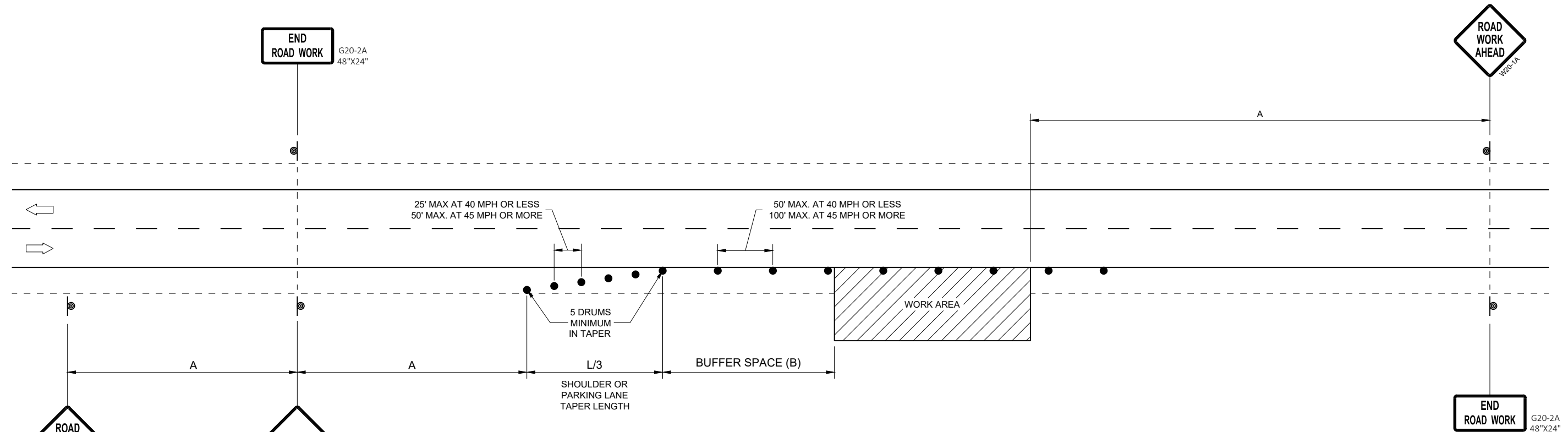
CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

W20-1A AND G20-2A SIGNS ARE NOT REQUIRED IF THE WORK AREA IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT. G20-2A SIGNS MAY ALSO BE OMITTED IF DURATION OF WORK IS LESS THAN 7 CONTINUOUS DAYS AND NIGHTS.

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POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	ADVANCE WARNING SIGN SPACING (A) FEET	SHOULDER TAPER L / 3 W, LATERAL OFFSET (FT)						BUFFER SPACE (B) FEET
		3	4	5	6	7	8	
25	200'	10	14	17	21	24	28	55
30	200'	15	20	25	30	35	40	85
35	350'	20	27	34	40	47	54	120
40	350'	26	35	44	53	62	70	170
45	500'	45	59	74	89	104	119	220
50	500'	50	66	83	99	116	132	280
55	500'	54	73	91	109	127	145	335'

OR  
IF TRAFFIC CONTROL DEVICES  
ENCROACH ONTO TRAVELED WAY, USE



### TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY

STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION

APPROVED  
May 2020 /S/ Andrew Heidtke  
DATE STATEWIDE WORK ZONE TRAFFIC SAFETY ENGINEER

FHWA

SDD 15D28 - 04

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Traffic Control, Work on Shoulder or Parking Lane, Undivided Roadway

References:

Part VI of the Wisconsin Manual on Uniform Traffic Control Devices (WMUTCD)
FDM 11-50-20

Bid items associated with this drawing:

Table with 3 columns: ITEM NUMBER, DESCRIPTION, UNIT. Rows include Traffic Control Drums and Traffic Control Signs.

Standardized Special Provisions associated with this drawing:

Table with 2 columns: STSP NUMBER, TITLE. Row contains NONE.

Other SDDs associated with this drawing:

- SDD 15C4 Traffic Control, Advance Warning Signs 45 M.P.H. or Greater, Two Way Undivided Road Open to Traffic
SDD 15C5 Traffic Control, Advance Warning Signs 40 M.P.H. or Less, Two Way Undivided Road Open to Traffic
SDD 15D29 Traffic Control, Vehicle Entrance/Exit or Haul Road

Design Notes:

This drawing may be used for work on the shoulder or in a parking lane of an undivided roadway if the following conditions can be met:

For a roadway with speed limit of 35 mph or less, a 10-foot minimum clear lane width must be maintained in the adjacent open traffic lane.

For a roadway with speed limit of 40 mph or more, no encroachment (by the traffic control devices or the work operation) into the adjacent open traffic lane is desirable.

If the above conditions cannot be met, another traffic control method such as a flagging operation or lane closure must be considered.

When the work area is within a larger project, other advance signing details should also be used. Standard Detail Drawings listed above for Advance Warning Signs on Undivided Roads may be appropriate.

Closer drum spacing along the buffer space and work area may be justified in urban areas, on congested roadways, along drop offs, or during work at night. If closer spacing is desired, it may be specified on separate plan sheets or in the Special Provisions.

For projects where the traffic control is usually paid with only the lump sum item instead of individual traffic control bid items (e.g. sign installation contracts), 28-inch minimum height cones may be used in lieu of drums if the work at an individual site will typically last one hour or less and is during daylight hours. If it is appropriate to allow cones as a substitute for drums, the designer should indicate it in the Special Provisions.

Contact Person:

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